EXHIBIT 37

California Regional Water Quality Control Board
Central Valley Region
1685 E Street
Fresno, CA 93706-2020

RECEIVED
APR 26 2011
RWQCB-CVR
FRESNO, CALIF.

Attention: Mr. Dale Harvey, Senior Engineer

Subject: Malaga County Water District
WDR No. 2008-0033 NPDES CA0084239
Telephone Number 559-485-7353

Dear Mr. Harvey:

Please find attached the monthly operations report for the Malaga County Water District for the month of March/Year 2011. The report includes the following subjects:

1) Influent Monitoring and Secondary Effluent Monitoring (monthly and quarterly report)

2) Tertiary Effluent Monitoring (monthly report)

3) Evaporation/Percolation Pond Monitoring (monthly report)

4) Receiving Water Monitoring (monthly reports)

   I. R-1 Receiving Water Upstream of Discharge
   II. R-2 Receiving Water Downstream of Discharge.

5) Water Supply Monitoring (monthly)

6) Supporting Laboratory Documentation

7) Violation (monthly report)

MONITORING REPORT REVIEW
Engineer
Compliance
Yes no
Date Reviewed 4/4/11

I certify that under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations.

Larry Morales

Malaga Wastewater Treatment Plant Operator

4-26-11

Date

RECEIVED

MAY - 2 2011

RWQCB-CVR
FRESNO, CALIF.

California Regional Water Quality Control Board
Central Valley Region
1685 E Street
Fresno, CA. 93706-2020

Attention: Mr. Dale Harvey, Senior Engineer

Subject: Malaga County Water District
Identifier BVV7-N2B, WDR No. 99-100 NPDS CA0084239
Telephone Number 559-485-7353

Dear Mr. Harvey:

Please find attached the monthly operations report for the Malaga County Water District for the month of March 2011. The report includes the following subjects:

1) Influent Monitoring and Secondary Effluent Monitoring (monthly report)

(Secondary Effluent Discharge Flow Readings Update)

MONITORING REPORT REVIEW
Engineer _____
Compliance _____ Yes _____ no
Date Reviewed _____

I certify that under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that

qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations.

Tony Morales

Malaga Wastewater Treatment Plant Operator

4-28-11

Date

MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT PLANT
MONITORING AND REPORTING PROGRAM NO. 2008-0033
NPDES NO. CA 0084239
TERTIARY EFFLUENT MONITORING MONTHLY REPORT

MONTH: MARCH Year: 2011

DATE	DAY	TERTIARY EFFLUENT Daily TOTAL FLOW MGD	MAX FLOW[1] MGD	pH	EC µmhos/cm		MDL	TEMP deg F	TOTAL RESIDUAL CL mg/L[2]	SS ml/L	MDL	Weekly BOD mg/L[3]	MDL	BOD lbs/day	BOD Removal[1]	TSS mg/L[3]	MDL	TSS lbs/day	TSS Removal[1]	Turbidity NTU
Discharge Limits			0.45	6.5-8.3	SW+500		1		0.01 mg/L 4 day average	0.1	0.1	10	5	38	≥90%	10	5	38	≥90%	2
1	tu	0																		
2	w	0																		
3	th	0																		
4	f	0																		
5	sat	0																		
6	sun	0																		
7	m	0																		
8	tu	0																		
9	w	0																		
10	th	0																		
11	f	0																		
12	sat	0																		
13	sun	0																		
14	m	0																		
15	tu	0																		
16	w	0																		
17	th	0																		
18	f	0																		
19	sat	0																		
20	sun	0.42		7.3	770			62	< 0.01	<0.1										
21	m	0.36		6.9	1000			64	< 0.01	< 0.1										
22	tu	0.36		7.1	670			62	< 0.01	< 0.1										
23	w	0.4		7.0	720			64	< 0.01	< 0.1		2.7		9.0	98.0%	8		27	99.9%	
24	th	0.4		7.1	750			64	< 0.01	< 0.1										2.7
25	f	0.41		7.0	770			63	< 0.01	<0.1										
26	sat	0.4		7.1	790			63	< 0.01	< 0.1										
27	sun	0.4		7.1	780			64	< 0.01	< 0.1										
28	m	0																		
29	tu	0																		
30	w	0																		
31	th	0																		
TOTAL		3.15																		
AVE		0.3938		7.1	781			63	< 0.01	< 0.1		2.7		9.0	98.0%	8		26.7	99.9%	2.70
DAILY MAX		0.42		7.3	1000			64	< 0.01	< 0.1		2.7		9.0	98%	8		26.7	99percent	2.7
MEAN																				

Tony Morales 4-26-11
Submitted by: Date

NOTES:
1. BOD Removal to be calculated using mean values.
2. Chlorine residual must be monitored with a method sensitive to and accurage at the permitted level of 0.01 mg/L
3. Daily maximum 35 mg/L, Weekly average 15 mg/L
4. 2.2 MPN/100mL as 7 day median; Shall not exceed: 23 MPN/100 ml more than once in any month; 240 MPN/100 ml at any time

6. WDR Compliance indicated by "YES" answer.

MONTH: MAR Year: 2011

DATE			Monthly				
	Total Coliform Organisms (TCO) MPN/100 ml[4]	MDL	Ammonia Nitrogen (NH_3-N) mg/L	pH at Sample Collection	Ammonia lbs/day	TDS mg/L	Nitrate NO_3-N mg/L
Discharge Limits	2.2	2	0.4 ave 0.6 max		1.5 ave 2.3 max		
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23			0.51	7	2	480	13
24	< 2						
25							
26							
27							
28							
29							
30							
31							
TOTAL							
AVE	< 2		0.51	7	2	480	13
DAILY MAX	< 2		0.51	7	2	510	12
MEAN							

MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT PLANT
MONITORING AND REPORTING PROGRAM NO. 2008-0033
NPDES NO. CA 0084239
TERTIARY EFFLUENT MONITORING MONTHLY REPORT

MONTH: MARCH Year 2011

DATE	TERTIARY EFFLUENT																		
	Monthly													Quarterly					
	Nitrate lbs/day	Total Nitrogen mg/L	Aluminum (Al) mg/L	Boron (B) mg/L	Chloride (Cl^-) mg/L	Copper (Cu) mg/L	Cyanide (CN) mg/L	Flouride (Fl) mg/L	Phosphorous Total (P) mg/L	Diazinon $C_{12}H_{21}N_2O_3PS$ µg/L	Bromoform $CHBr_3$ µg/L	Chlorodibro-momethane $CHBr_2Cl$ µg/L	Dichloro-bromomethane $CHBrCl_2$ µg/L	Acute Whole Effluent Toxicity	Chronic Whole Effluent Toxicity	Boron (B)	Calcium (Ca)	Iron (Fe)	Magnesium (Mg)
Discharge Limits					175						28	0.41 0.82 max	0.56 ave 1.1 max	≥90% Ave. per 3 tests	≥90% Ave. per 3 tests	mg/L	mg/L	mg/L	mg/L
1																			
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23	43	16	0.28	0.13	54	0.034	< 2.8	1.2	4.1	<0.034	< 0.22	< 0.13	< 0.22						
24																			
25																			
26																			
27																			
28																			
29																			
30																			
31																			
TOTAL																			
AVE	43	16	0.28	0.13	54	0.034	< 2.8	1.2	4.1	<0.034	< 0.22	< 0.13	< 0.22	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
DAILY MAX	43	16	0.28	0.13	54	0.034	< 2.8	1.2	4.1	<0.034	< 0.22	< 0.13	< 0.22						
MEAN																			

MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT PLANT
MONITORING AND REPORTING PROGRAM NO. 2008-0033
NPDES NO. CA 0084239
CENTRAL CANAL MONITORING REPORT

MONTH: MARCH Year: 2011

DATE	DAY	Daily					Monthly									Canal Station R-1				
		TOTAL FLOW MGD	pH	EC µmhos/cm	TEMP deg F	TOTAL RESIDUAL CL mg/L	DO mg/L	Turbidity NTU	Ammonia Nitrogen (NH_3-N) mg/L	Ammonia Un-Ionized (as N) mg/L	Nitrate NO_3-N mg/L	TKN (as N) mg/L	Aluminum (Al) mg/L	Phosphorous Total (P) mg/L	Fecal Coliform MPN/100 ml	TDS mg/L	Sulfate (SO4) mg/l	Potassium (K) mg/L	Calcium (Ca) mg/L	Magnesium (Mg) mg/L
Limits Not Applicable			< 6.5 or >8.3		Δ=+5°		<5.0	<1	Δ≤+0.025											
1	tu	25.92																		
2	w	31.75																		
3	th	30.45																		
4	f	29.8																		
5	sat	29.8																		
6	sun	27.21																		
7	m	27.2																		
8	tu	33.69																		
9	w	38.88																		
10	th	36.28																		
11	f	35.64																		
12	sat	45.36																		
13	sun	46.65																		
14	m	51.84																		
15	tu	59.61																		
16	w	67.39																		
17	th	68.68																		
18	f	75.16																		
19	sat	62.2																		
20	sun	51.84	8.5	83	49			3.2												
21	m	32.4	7	91	57															
22	tu	32.4	7.1	260	51				< 1.9	< 0.040	0.65	< 1.4	4.6	0.58						
23	w	34.34	7.7	140	54										>= 1600					
24	th	34.99	7.3	130	51		7.7													
25	f	29.8	7.3	160	53															
26	sat	29.8	8.1	150	52															
27	sun	53.13	7.6	1000	54															
28	m	45.36																		
29	tu	44.06																		
30	w	44.71																		
31	th	46																		
TOTAL		1302																		
AVE		42	7.5	251	52		7.7	3.2	< 1.9	< 0.040	0.65	< 1.4	4.6	0.58	> = 1600					
DAILY MAX		75	8.5	1000	57		7.7	3.2	< 1.9	< 0.040	0.65	< 1.4	4.6	0.58	> = 1600					
MEAN																				

Tony Morales 4-26-11
Submitted by: Date

NOTES
1. As reported by FID if water is in the canal.
2. Discharge shall not cause changes to receiving waters as specified.
3. Change to Turbidity will be no more than 1 NTU when 0≤R-1≤5 NTU's, 20% when 5≤R-1≤5o NTU's, 10 NTU when 50≤R-1≤100 NTU's, 10% when R-1>100 NTU's

MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT PLANT
MONITORING AND REPORTING PROGRAM NO. 2008-0033
NPDES NO. CA 0084239
CENTRAL CANAL MONITORING REPORT

MONTH: MARCH Year: 2011

DATE	DAY	Daily					Monthly									Canal Station R-2				
		TOTAL FLOW MGD	pH	EC µmhos/cm	TEMP deg F	TOTAL RESIDUAL CL mg/L	DO mg/L	Turbidity NTU	Ammonia Nitrogen (NH_3-N) mg/L	Ammonia Un-ionized (as N) mg/L	Nitrate NO_3-N mg/L	TKN (as N) mg/L	Aluminum (Al) mg/L	Phosphorous Total (P) mg/L	Fecal Coliform MPN/100 ml	TDS mg/L	Sulfate (SO4) mg/l	Potassium (K) mg/L	Calcium (Ca) mg/L	Magnesium (Mg) mg/L
Limits Not Applicable			< 6.5 or >8.3		Δ=+5°		<5.0	<1	Δ≤+0.025											
1	tu	25.92																		
2	w	31.75																		
3	th	30.45																		
4	f	29.8																		
5	sat	29.8																		
6	sun	27.21																		
7	m	27.2																		
8	tu	33.69																		
9	w	38.88																		
10	th	36.28																		
11	f	35.64																		
12	sat	45.36																		
13	sun	46.65																		
14	m	51.84																		
15	tu	59.61																		
16	w	67.39																		
17	th	68.68																		
18	f	75.16																		
19	sat	62.2																		
20	sun	52.26	7.5	82	49	< 0.01		2.6												
21	m	32.76	7.1	200	53	< 0.01														
22	tu	32.75	7.3	130	50	< 0.01			< 1.9	< 0.040	0.71	< 1.4	4	0.56						
23	w	34.74	7.8	150	53	< 0.01									> = 1600					
24	th	35.39	7.7	140	51	< 0.01	6.7													
25	f	30.21	7.5	260	50	< 0.01														
26	sat	30.2	7.9	160	53	< 0.01														
27	sun	53.53	7.3	160	54	< 0.01														
28	m	45.36																		
29	tu	44.06																		
30	w	44.71																		
31	th	46																		
TOTAL		1305																		
AVE		42.11	7.5	160	52	< 0.01	6.7	2.6	<1.9	< 0.040	0.71	< 1.4	4	0.56	> = 1600					
DAILY MAX		75.16	7.9	260	54	< 0.01	6.7	2.6	< 1.9	< 0.040	0.71	< 1.4	4	0.56	> = 1600					
MEAN																				

Tony Morales 4-26-11
Submitted by: Date

MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT PLANT
MONITORING AND REPORTING PROGRAM NO. 2008-0033
NPDES NO. CA 0084239
INFLUENT& SECONDARY EFFLUENT MONITORING MONTHLY REPORT

MONTH: MARCH **YEAR: 2011**

DATE	DAY	INFLUENT CONSTITUENT							SECONDARY EFFLUENT CONSTITUENT									
		Daily			Weekly				Daily		Weekly							
		Parshall Flume Flow MGD	Recirculated Grit Flow MGD	TOTAL FLOW (calc.)	BOD mg/L weekly	MDL	TSS mg/L weekly	MDL	FLOW MGD (Q)	EC umhos/cm	BOD mg/L	MDL	BOD lb/d (calc.)	TSS mg/L	MDL	TSS lb/d (calc.)	SS ml/L	MDL
Discharge Limits				1.2 MGD					0.85 max	1000 max[1]	40 ave[2]	1	Q*BOD*2.2 ÷0.264	40 ave[2]	4	Q*TSS*2.2 ÷0.264	0.2 ave[3]	0.1
1	tu	0.87	0.21	0.66					0.660	780								
2	w	0.87	0.2	0.67	68		150		0.670	770	<1		< 5	4		22.00	<0.1	
3	th	0.87	0.21	0.66					0.660	760								
4	f	0.9	0.19	0.71					0.710	800								
5	sat	0.83	0.2	0.63					0.630	790								
6	sun	0.86	0.22	0.64					0.640	780								
7	m	0.87	0.21	0.66					0.660	770								
8	tu	0.87	0.2	0.67					0.670	770								
9	w	0.9	0.22	0.68	69		380		0.680	780	1.7		9.60	8		45.00	<0.1	
10	th	0.94	0.22	0.72					0.720	780								
11	f	0.82	0.23	0.59					0.590	800								
12	sat	0.86	0.23	0.63					0.630	830								
13	sun	0.84	0.24	0.60					0.600	810								
14	m	0.97	0.23	0.74					0.740	780								
15	tu	1	0.24	0.76					0.760	790								
16	w	1.08	0.24	0.84	130		100		0.840	820	< 1		< 7	13		91.00	<0.1	
17	th	0.89	0.23	0.66					0.660	820								
18	f	0.91	0.23	0.68					0.680	810								
19	sat	0.86	0.24	0.62					0.620	790								
20	sun	1.28	0.24	1.04					0.620	770								
21	m	0.93	0.22	0.71					0.350	620								
22	tu	0.85	0.21	0.64					0.280	710								
23	w	0.85	0.23	0.62	580		5400		0.220	720	4.9		9.00	12		22.00	<0.1	
24	th	0.89	0.23	0.66					0.260	740								
25	f	0.94	0.22	0.72					0.310	760								
26	sat	0.86	0.23	0.63					0.230	800								
27	sun	0.89	0.22	0.67					0.270	780								
28	m	0.88	0.22	0.66					0.660	760								
29	tu	0.93	0.22	0.71	90.7		24		0.710	770	< 5		< 8	9		53.00	< 0.1	
30	w	0.96	0.21	0.75					0.750	750								
31	th	0.96	0.22	0.74					0.740	770								
TOTAL		28.23	6.86	21.37	938		6054		18.22									
AVE		0.91	0.22	0.69	188		1211		0.59	774	3.3		9.30	9.2		46.60	< 0.1	
DAILY																		
MAX		1.28	0.24	1.04	580		5400		0.840	830	4.9		9.60	13.0		91.00	< 0.1	
MEAN																		

Joey Morales 4-28-11
Submitted by:

1. Ec MCL is source water + 500 or 1000, whichever is lower.
2. BOD & TSS MCL is 40 mg/L average monthly. Daily maximum is 80 mg/L.
3. Settleable Solids MCL is 0.2 mL/L average monthly. Daily maximum is 1.0 mL/L.
4. Values less than the Reporting Limit and greater than the Method Detection Limit shall be reported as DNQ.
5. Values less than the MDL shall be reported as ND.
6 Flowrate to Secondary Effluent is the difference between influent flow measurements and the flowrate discharged to M-001.
7. Quarterly tests in January, April, July, October.

MONTH: MAR year: 2011

DATE	Quarterly	
	NITRATE (as N) mg/L	MDL
Disch Lim		
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23	58	
24		
25		
26		
27		
28		
29		
30		
31		
TOTAL	58	
AVE	58	
DAILY		
MAX	58	
MEAN		

MONTH: MAR year: 2011

DATE	Quarterly	
	NITRATE (as N) mg/L	MDL
Disch Lim		
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23	58	
24		
25		
26		
27		
28		
29		
30		
31		
TOTAL	58	
AVE	58	
DAILY		
MAX	58	
MEAN		

MALAGA
WASTEWATER TREATMENT PLANT
MONITORING AND REPORTING PROGRAM NO. 2008-0033

EVAPORATION /PERCOLATION POND MONITORING MONTHLY REPORT

Mar-11	POND 1	POND 2	POND 3	POND 4	POND 5	POND 6	POND 7	POND 8
WEEK 1 (Date)	not in use	3/4/2011	3/4/2011	3/4/2011	3/4/2011	3/4/2011	3/4/2011	3/4/2011
Sample Time		8:am	8:am	8:am	8:am	8:am	8:am	8:am
DO, mg/l		16	15	14.6	15	16.5	2.3	13.4
Freeboard, ft		2.75	2.83	3.5	2.75	3.16	2.91	3
Weeds (Y, N) Locations		N	N	N	N	N	N	N
Surface Material(Y, N) Locations		N	N	N	N	N	N	N
Burrowing Animals (Y, N)		N	N	N	N	N	N	N
Insects (Y, N)		N	N	N	N	N	N	N
Color		clear	clear	clear	clear	clear	clear	clear
WEEK 2 (Date)		3/11/2011	3/11/2011	3/11/2011	3/11/2011	3/11/2011	3/11/2011	3/11/2011
Sample Time		8:am	8:am	8:am	8:am	8:am	8:am	8:am
DO, mg/l		13.5	12.6	6	12.5	9.9	3.2	12.8
Freeboard, ft		2.75	3.25	3.25	2,75	3	3	3
Weeds (Y, N) Locations		N	N	N	N	N	N	N
Surface Material(Y, N) Locations		N	N	N	N	N	N	N
Burrowing Animals (Y, N)		N	N	N	N	N	N	N
Insects (Y, N)		N	N	N	N	N	N	N
Color		clear	light green	clear	clear	light green	clear	light green
WEEK 3 (Date)		3/17/2011	3/17/2011	3/17/2011	3/17/2011	3/17/2011	3/17/2011	3/17/2011
Sample Time		8:am	8:am	8:am	8:am	8:am	8:am	8:am
DO, mg/l		5	8.1	3.4	4.5	9	3.4	8.1
Freeboard, ft		3	3	3	3	3	3	3
Weeds (Y, N) Locations		N	N	N	N	N	N	N
Surface Material(Y, N) Locations		N	N	N	N	N	N	N
Burrowing Animals (Y, N)		N	N	N	N	N	N	N
Insects (Y, N)		N	N	N	N	N	N	N
Color		clear	clear	clear	clear	light green	clear	clear
WEEK 4 (Date)		3/24/2011	3/24/2011	3/24/2011	3/24/2011	3/24/2011	3/24/2011	3/24/2011
Sample Time		8:am	8:am	8:am	8:am	8:am	8:am	8:am
DO, mg/l		3.2	2.4	3	3.2	7.5	3.3	5.5
Freeboard, ft		3	2.8	2.8	2.8	3	3	3
Weeds (Y, N) Locations		N	N	N	N	N	N	N
Surface Material(Y, N) Locations		N	N	N	N	N	N	N
Burrowing Animals (Y, N)		N	N	N	N	N	N	N
Insects (Y, N)		N	N	N	N	N	N	N
Color		Clear	Clear	Clear	Clear	Clear	Clear	Clear
WEEK 5 (Date)								
Sample Time								
DO, mg/l								
Freeboard, ft								
Weeds (Y, N) Locations								
Surface Material(Y, N) Locations								
Burrowing Animals (Y, N)								
Insects (Y, N)								
Color								

Submitted by Tony Morales Date: 4-26-11

NOTE: Y=Yes
N=No

Dissolved Oxygen samples to be taken at a depth of 1 foot, opposite the inlet, and between 0700 and 0900 hours.

MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT PLANT
MONITORING AND REPORTING PROGRAM N0. 2008-0033
EVAPORATION/PERCOLATION POND MONITORING MONTHLY REPORT

MONTH: MARCH Year: 2011

DATE	POND1		POND2		POND3		POND4		POND5		POND6		POND7		POND8	
	DO mg/l	FRB ft	DO mg/l	FRB ft	DO mg/l	FRB ft	DO mg/l	FRB ft	DO mg/l	FRB ft	DO mg/l	FRB ft	DO mg/l	FRB ft	DO mg/l	FRB ft
DISCHARGE LIMIT	1.0 min.	2 ft. min.	1.0 min.	2 ft. min.	1.0 min.	2 ft. min.	1.0 min.	2 ft. min.	1.0 min.	2 ft. min.	1.0 min.	2 ft. min.	1.0 min.	2 ft. min.	1.0 min.	2 ft. min.
1	OFF LINE															
2																
3																
4			16.0	2.75	15.0	3	14.6	3.50	15 / 2.25		16.5	3.16	2.3	3	13.4	3
5																
6																
7																
8																
9																
10																
11			13.5	2.75	12.6	3.25	6.0	3.25	12.5	2.8	9.9	3.00	3.2	3.00	12.8	3.00
12																
13																
14																
15																
16																
17			5.0	3.00	8.1	3.00	3.4	3.00	4.5	3.0	9.0	3.00	3.4	3.00	8.1	3.00
18																
19																
20																
21																
22																
23																
24			3.2	3.00	2.4	2.80	3.0	2.80	3.2	2.8	7.5	3.00	3.3	3.00	5.5	3.00
25																
26																
27																
28																
29																
30																
31																

Pond Observations:

Attached is a photocopy of the bound log book.

Tony Morales 4-26-11

Submitted by: Date

MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT PLANT
MONITORING AND REPORTING PROGRAM NO. R5-2008-0033
NPDES NO. CA0084239

RECEIVING WATER CONDITIONS REPORT

March, 2011

	R-1		R-2
WEEK 1 (Date)			
Sample Time			
Floating or suspended matter (Y,N)			
Discoloration (Y,N)			
Bottom deposits (Y,N)			
Aquatic life (Y,N)			
Visible films, sheens, coatings (Y,N)			
Fungi, slimes, or objectionalble growths (Y,N)			
Potential nuisance conditions (Y,N)			
WEEK 2 (Date)			
Sample Time			
Floating or suspended matter (Y,N)			
Discoloration (Y,N)			
Bottom deposits (Y,N)			
Aquatic life (Y,N)			
Visible films, sheens, coatings (Y,N)			
Fungi, slimes, or objectionalble growths (Y,N)			
Potential nuisance conditions (Y,N)			
WEEK 3 (Date)			
Sample Time			
Floating or suspended matter (Y,N)			
Discoloration (Y,N)			
Bottom deposits (Y,N)			
Aquatic life (Y,N)			
Visible films, sheens, coatings (Y,N)			
Fungi, slimes, or objectionalble growths (Y,N)			
Potential nuisance conditions (Y,N)			
WEEK 4 (Date)	3/25/2011		3/25/2011
Sample Time	2:pm		2:pm
Floating or suspended matter (Y,N)	N		N
Discoloration (Y,N)	N		N
Bottom deposits (Y,N)	N		N
Aquatic life (Y,N)	N		N
Visible films, sheens, coatings (Y,N)	N		N
Fungi, slimes, or objectionalble growths (Y,N)	N		N
Potential nuisance conditions (Y,N)	N		N
WEEK 5 (Date)			
Sample Time			
Floating or suspended matter (Y,N)			
Discoloration (Y,N)			
Bottom deposits (Y,N)			
Aquatic life (Y,N)			
Visible films, sheens, coatings (Y,N)			
Fungi, slimes, or objectionalble growths (Y,N)			
Potential nuisance conditions (Y,N)			

Submitted by Tony Morales Date: 4-26-11

NOTE: Y=Yes
N=No

MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT PLANT
MONITORING AND REPORTING PROGRAM NO. 2008-0033
WATER SUPPLY MONITORING

YEAR: 2011

	Date Sampled	JAN 1/18/2011	FEB 2/7/2011	MAR 3/8/2011	QUARTER TOTAL	APR	MAY	JUN	QUARTER TOTAL	JUL	AUG	SEPT	QUARTER TOTAL	OCT	NOV	DEC	QUARTER TOTAL	ANNUAL TOTAL
WELL NO. 1					-				0				0				0	
DELIVERY (GAL)																		
N03-N (mg/l)																		
Ec (umhos/cm)																		
Minerals (see attached)																		
WELL NO. 3	NOT ACTIVE				0				0				0				0	
DELIVERY (GAL)																		
N03-N (mg/l)																		
Ec (umhos/cm)																		
Minerals (see attached)																		
WELL NO. 4					0				0				0				0	
DELIVERY (GAL)																		
N03-N (mg/l)																		
Ec (umhos/cm)																		
Minerals (see attached)																		
WELL NO. 5	NOT ACTIVE				0				0				0				0	
DELIVERY (GAL)																		
N03-N (mg/l)																		
Ec (umhos/cm)																		
Minerals (see attached)																		
WELL NO. 6																		
DELIVERY (GAL)		13,723,000	14,459,000	18,612,000	46,794,000				0				0				0	
N03-N (mg/l)		15	12	12														
Ec (umhos/cm)		360	320	310														
Minerals (see attached)																		
WELL NO. 7																		
DELIVERY (GAL)		18,862,000	14,888,000	18,666,000	52,416,000				0				0				0	
N03-N (mg/l)		10	11	11														
Ec (umhos/cm)		290	270	270														
Minerals (see attached)																		
TOTAL DELIVERY (GAL)					-				-				-					
WEIGHTED AVERAGE																		
N03-N (mg/l)		12.11	11.49	11.50		#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!	#DIV/0!		
Ec (umhos/cm)		319.48	294.63	289.97		#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!	#DIV/0!		

Submitted by: Tony Morales Date 4-26-11

NOTES: SAMPLES FOR EC AND NO3-N ARE TAKEN MONTHLY
SAMPLES FOR MINERALS ARE TAKEN ANNUALLY

WELL NO. 2 DOES NOT EXIST

MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT PLANT
MONITORING AND REPORTING PROGRAM NO. 2008-0033
NPDES NO. CA 0084239
Violation Report

MONTH: MARCH **YEAR: 2011**

	Influent	SECO. EFFL. (M-002)					TERTIARY EFFLUENT (M-001)																	R-1		
	FLOW MGD (calc.)	FLOW MGD (calc.)	EC µmhos/cm	BOD mg/L	TSS mg/L	SS ml/L	FLOW MGD	pH Minimum Maximum	EC µmhos/cm	TOTAL RESIDUAL CL mg/L	SS ml/L	BOD mg/L	BOD Removal %	TSS mg/L	BOD Removal %	Boron (B) mg/L	Chloride (Cl) mg/L	Turbidity NTU	Total Coliform Organisms (TCO) MPN/100 ml	Ammonia Nitrogen (NH_3-N) mg/L	Bromoform $CHBr_3$ µg/L	Chlorodibro-momethane $CHBr_2Cl$ µg/L	Dichloro-bromomethane $CHBrCl_2$ µg/L	TEMP deg F	Turbidity NTU	pH Minimum Maximum
MONTHLY AVERAGE	1.2	0.85	SW+500	40	40	0.2	0.45	6.5	SW+500	0.01 mg/L	0.1	10	90%	10	90%											6.5
MONTHLY MAX			1000						1000			15		15				2	2.2							
WEEKLY AVERAGE																										
DAILY AVERAGE																		5								
95% of 24-hour period																										
DAILY MAX			824	80	80	1		8.3	824		0.2	30		30		1	175		23	1.3	28	143	162			8.3
NEVER																		10	240							7.1
MONTHLY AVERAGE	0.69	0.69	774	3.3	9.2	< 0.1	0.39	6.9	781	< 0.01	< 0.1	2.7	98%	8.0	100%			2.7	#DIV/0!							
DAILY MAX				4.9	13.0	< 0.1		7.3			< 0.1	2.7		8		0.13	54	2.7	0.0	0.5	0	0	0		3.2	7.9
VIOLATION TYPE						VIOL					VIOL							VIOLAT	#DIV/0!							
VIOLATION DESCRIPTION																										
COMMENTS																										
CORRECTIVE ACTION																										
1																										
2				<1		4 <0.1																				
3																										
4																										
5																										
6																										
7																										
8																										
9				1.7	8	<0.1																				
10																										
11																										
12																										
13																										
14																										
15																										
16				< 1	13	<0.1																				
17																										
18																										
19																										
20								7.3																	49	3.2	7.5
21								6.9																	57		7.1
22								7.1																	51		7.3
23				4.9	12	<0.1		7				2.7	98%	8.0	100%	0.13	54			0.51	< 0.22	< 0.13	< 0.22	54		7.8
24								7.1										2.7	< 2					51		7.7
25								7																53		7.5
26								7.1																52		7.9
27								7.1																54		7.3
28																										
29				< 5	9	< 0.1																				
30																										
31																										

Tony Morales 4-26-11

Submitted by:

1 Flowrate to Secondary Effluent is the difference between influent flow measurements and the flowrate discharged to M-001.

MONTH: MARCH

	Canal Station R-2					Pond	
	TEMP deg F	ΔTEMP Δ>+5°	DO mg/L	Turbidity NTU ΔTurbidity	Ammonia Un-ionized (as N) mg/L	DO Minimum mg/L	Freeboard Minimum FT
MONTHLY AVERAGE		5		1			
MONTHLY MAX							
WEEKLY AVERAGE							
DAILY AVERAGE							
95% of 24-hour period							
DAILY MAX			5.0		0.025		
NEVER						1.0	2
MONTHLY AVERAGE						2.3	2.75
DAILY MAX		1	6.7	2.6	< 0.040		
VIOLATION TYPE					VIOLATION		
VIOLATION DESCRIPTION							
COMMENTS							
CORRECTIVE ACTION							
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20	49	0		2.6			
21	53	-4					
22	50	-1			< 0.040		
23	53	-1					
24	51	0	6.7				
25	50	-3					
26	53	1					
27	54	0					
28							
29							
30							
31							

MOORE TWINING
ASSOCIATES, INC.

California ELAP Certificate #1371

2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

March 11, 2011

Work Order #: 1C08034

Richard Ochoa
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Water Department

Enclosed are the analytical results for samples received by our laboratory on 03/08/11 . For your reference, these analyses have been assigned laboratory work order number 1C08034.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Juliane Adams
Director of Analytical Chemistry

MOORE TWINING ASSOCIATES, INC.

2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Water Department	
3580 S. Frank	Project Number: Analytical Services	**Reported:**
Fresno CA. 93725	Project Manager: Richard Ochoa	03/11/2011

Analytical Report for Work Order 1C08034

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Well#6		Sampled: 03/08/11 14:01 **1C08034-01 (Drinking Water - Public/Routine)**								
Specific Conductance (EC)		310	1.0	1.0	µS/cm	1	T1C0908	03/09/11	03/09/11	EPA 120.1
Nitrate as NO3		12	2.0	0.30	mg/L	1	T1C0802	03/08/11	03/09/11	EPA 300.0
Total Coliforms		< 1.0	1.0		MPN/100mL	1	T1C0810	03/08/11	03/09/11	SM9223B
E. Coli		< 1.0	1.0		MPN/100mL	1	T1C0810	03/08/11	03/09/11	SM9223B
Well#7		Sampled: 03/08/11 13:35 **1C08034-02 (Drinking Water - Public/Routine)**								
Specific Conductance (EC)		270	1.0	1.0	µS/cm	1	T1C0908	03/09/11	03/09/11	EPA 120.1
Nitrate as NO3		11	4.0	0.60	mg/L	2	T1C0802	03/08/11	03/09/11	EPA 300.0
Total Coliforms		< 1.0	1.0		MPN/100mL	1	T1C0810	03/08/11	03/09/11	SM9223B
E. Coli		< 1.0	1.0		MPN/100mL	1	T1C0810	03/08/11	03/09/11	SM9223B
Haase		Sampled: 03/08/11 13:10 **1C08034-03 (Drinking Water - Public/Routine)**								
Total Coliforms		Absent			N/A	1	T1C0810	03/08/11	03/09/11	SM9223B
E. Coli		Absent			N/A	1	T1C0810	03/08/11	03/09/11	SM9223B

Notes and Definitions

_MPN	< 1.0
_A	Absent
ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Moore Twining Associates, Inc.
Juliane Adams, Director of Analytical Chemistry

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.

MOORE TWINING
ASSOCIATES, INC.

California ELAP Certificate #1371

2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

March 07, 2011

Work Order #: 1C02019

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 03/02/11 . For your reference, these analyses have been assigned laboratory work order number 1C02019.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Juliane Adams
Director of Analytical Chemistry

MAR 10 2011

MOORE TWINING ASSOCIATES, INC.

2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	**Reported:**
Fresno CA. 93725	Project Manager: Tony Morales	03/07/2011

Analytical Report for Work Order 1C02019

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Eff.								Sampled: 03/01/11 14:00		**1C02019-01 (Waste Water)**
Specific Conductance (EC)		780	1.0	1.0	µS/cm	1	T1C0303	03/02/11	03/02/11	EPA 120.1
Final Eff.								Sampled: 03/02/11 10:00		**1C02019-02 (Waste Water)**
Specific Conductance (EC)		770	1.0	1.0	µS/cm	1	T1C0303	03/02/11	03/02/11	EPA 120.1

Notes and Definitions

ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch T1C0303										
LCS (T1C0303-BS1)					Prepared & Analyzed: 03/02/11					
Specific Conductance (EC)		485	1.0	µS/cm	500		97.0	80-120		20
LCS Dup (T1C0303-BSD1)					Prepared & Analyzed: 03/02/11					
Specific Conductance (EC)		487	1.0	µS/cm	500		97.4	80-120	0.412	20
Duplicate (T1C0303-DUP1)		Source: 1C01031-02			Prepared & Analyzed: 03/02/11					
Specific Conductance (EC)		360	1.0	µS/cm		360			0.00	20
Duplicate (T1C0303-DUP2)		Source: 1C02019-01			Prepared & Analyzed: 03/02/11					
Specific Conductance (EC)		786	1.0	µS/cm		782			0.510	20

Moore Twining Associates, Inc.
Juliane Adams, Director of Analytical Chemistry

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.

MOORE TWINING ASSOCIATES, INC.

California ELAP Certificate #1371

2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

March 17, 2011

Work Order #: 1C03016

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 03/03/11 . For your reference, these analyses have been assigned laboratory work order number 1C03016.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Juliane Adams
Director of Analytical Chemistry

MAR 21 2011

MOORE TWINING ASSOCIATES, INC.

2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	**Reported:**
Fresno CA, 93725	Project Manager: Tony Morales	03/17/2011

Analytical Report for Work Order 1C03016

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Raw Wastewater						Sampled: 03/02/11 08:20 **1C03016-01 (Waste Water)**				
Total Suspended Solids		**150**	20	5.7	mg/L	5	T1C0808	03/08/11	03/10/11	SM 2540D
Biochemical Oxygen Demand		**68**	30	30	mg/L	30	T1C0320	03/03/11	03/08/11	SM5210B
Final Eff.						Sampled: 03/02/11 13:20 **1C03016-02 (Waste Water)**				
Total Suspended Solids		**4.0**	4.0	1.1	mg/L	1	T1C0808	03/08/11	03/10/11	SM 2540D
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T1C0401	03/04/11	03/04/11	SM 2540F
Biochemical Oxygen Demand		ND	1.0	1.0	mg/L	1	T1C0320	03/03/11	03/08/11	SM5210B
Final Eff.						Sampled: 03/03/11 08:00 **1C03016-03 (Waste Water)**				
Specific Conductance (EC)		**760**	1.0	1.0	µS/cm	1	T1C0310	03/03/11	03/03/11	EPA 120.1

Notes and Definitions

ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Moore Twining Associates, Inc.
Juliane Adams, Director of Analytical Chemistry

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.

MOORE TWINING
ASSOCIATES, INC.

California ELAP Certificate #1371

2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

March 11, 2011

Work Order #: 1C07018

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 03/07/11 . For your reference, these analyses have been assigned laboratory work order number 1C07018.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Juliane Adams
Director of Analytical Chemistry

MAR 16 2011

MOORE TWINING ASSOCIATES, INC.

2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	**Reported:**
Fresno CA, 93725	Project Manager: Tony Morales	03/11/2011

Analytical Report for Work Order 1C07018

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Eff.						Sampled: 03/04/11 09:45	**1C07018-01 (Waste Water)**			
Specific Conductance (EC)	HT2	800	1.0	1.0	µS/cm	1	T1C0717	03/07/11	03/07/11	EPA 120.1
Final Eff.						Sampled: 03/05/11 08:00	**1C07018-02 (Waste Water)**			
Specific Conductance (EC)	HT2	790	1.0	1.0	µS/cm	1	T1C0717	03/07/11	03/07/11	EPA 120.1
Final Eff.						Sampled: 03/06/11 08:00	**1C07018-03 (Waste Water)**			
Specific Conductance (EC)		780	1.0	1.0	µS/cm	1	T1C0717	03/07/11	03/07/11	EPA 120.1
Final Eff.						Sampled: 03/07/11 08:00	**1C07018-04 (Waste Water)**			
Specific Conductance (EC)		770	1.0	1.0	µS/cm	1	T1C0717	03/07/11	03/07/11	EPA 120.1

Notes and Definitions

HT2	This sample was analyzed past the EPA recommended holding time for this parameter due to late delivery of the sample to the laboratory.
ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Moore Twining Associates, Inc.
Juliane Adams, Director of Analytical Chemistry

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.

MOORE TWINING ASSOCIATES, INC.

California ELAP Certificate #1371

2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

March 22, 2011

Work Order #: 1C10009

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 03/10/11 . For your reference, these analyses have been assigned laboratory work order number 1C10009.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Juliane Adams
Director of Analytical Chemistry

MAR 25 2011

MOORE TWINING ASSOCIATES, INC.

2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	**Reported:**
Fresno CA, 93725	Project Manager: Tony Morales	03/22/2011

Analytical Report for Work Order 1C10009

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Raw Wastewater						Sampled: 03/09/11 08:00	**1C10009-01 (Waste Water)**			
Total Suspended Solids		380	40	11	mg/L	10	T1C1516	03/15/11	03/16/11	SM 2540D
Biochemical Oxygen Demand		69	30	30	mg/L	30	T1C1021	03/10/11	03/15/11	SM5210B
Final Eff.						Sampled: 03/09/11 16:00	**1C10009-02 (Waste Water)**			
Specific Conductance (EC)		770	1.0	1.0	µS/cm	1	T1C1104	03/10/11	03/10/11	EPA 120.1
Total Suspended Solids		8.0	4.0	1.1	mg/L	1	T1C1516	03/15/11	03/16/11	SM 2540D
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T1C1502	03/11/11	03/11/11	SM 2540F
Biochemical Oxygen Demand		1.7	1.0	1.0	mg/L	1	T1C1021	03/10/11	03/15/11	SM5210B
Final Eff.						Sampled: 03/08/11 10:00	**1C10009-03 (Waste Water)**			
Specific Conductance (EC)	HT2	780	1.0	1.0	µS/cm	1	T1C1104	03/10/11	03/10/11	EPA 120.1
Final Eff.						Sampled: 03/10/11 08:00	**1C10009-04 (Waste Water)**			
Specific Conductance (EC)		780	1.0	1.0	µS/cm	1	T1C1104	03/10/11	03/10/11	EPA 120.1

Notes and Definitions

HT2	This sample was analyzed past the EPA recommended holding time for this parameter due to late delivery of the sample to the laboratory.
DUP1	A high RPD was observed between a sample and this sample's duplicate.
ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field.
If the test was performed in the laboratory, the hold time was exceeded.

Moore Twining Associates, Inc.
Juliane Adams, Director of Analytical Chemistry

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.

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California ELAP Certificate #1371

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March 21, 2011

Work Order #: 1C14015

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 03/14/11 . For your reference, these analyses have been assigned laboratory work order number 1C14015.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Juliane Adams
Director of Analytical Chemistry

MAR 2 3 2011

MOORE TWINING ASSOCIATES, INC.

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California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	**Reported:**
Fresno CA, 93725	Project Manager: Tony Morales	03/21/2011

Analytical Report for Work Order 1C14015

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Eff.							Sampled: 03/11/11 11:00 **1C14015-01 (Waste Water)**			
Specific Conductance (EC)		**800**	1.0	1.0	µS/cm	1	T1C1414	03/14/11	03/14/11	EPA 120.1
Final Eff.							Sampled: 03/12/11 09:15 **1C14015-02 (Waste Water)**			
Specific Conductance (EC)		**830**	1.0	1.0	µS/cm	1	T1C1414	03/14/11	03/14/11	EPA 120.1
Final Eff.							Sampled: 03/13/11 09:10 **1C14015-03 (Waste Water)**			
Specific Conductance (EC)		**810**	1.0	1.0	µS/cm	1	T1C1414	03/14/11	03/14/11	EPA 120.1
Final Eff.							Sampled: 03/14/11 08:00 **1C14015-04 (Waste Water)**			
Specific Conductance (EC)		**780**	1.0	1.0	µS/cm	1	T1C1414	03/14/11	03/14/11	EPA 120.1

Notes and Definitions

ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

MOORE TWINING
ASSOCIATES, INC.

California ELAP Certificate #1371

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March 29, 2011

Work Order #: 1C17012

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 03/17/11 . For your reference, these analyses have been assigned laboratory work order number 1C17012.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Juliane Adams
Director of Analytical Chemistry

MOORE TWINING ASSOCIATES, INC.

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California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	**Reported:**
Fresno CA, 93725	Project Manager: Tony Morales	03/29/2011

Analytical Report for Work Order 1C17012

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Raw Wastewater						Sampled: 03/16/11 08:00	**1C17012-01 (Waste Water)**			
Total Suspended Solids		100	20	5.7	mg/L	5	T1C2207	03/22/11	03/23/11	SM 2540D
Biochemical Oxygen Demand		130	30	30	mg/L	30	T1C1722	03/17/11	03/22/11	SM5210B
Final Eff.						Sampled: 03/16/11 14:30	**1C17012-02 (Waste Water)**			
Specific Conductance (EC)		820	1.0	1.0	µS/cm	1	T1C1715	03/17/11	03/17/11	EPA 120.1
Total Suspended Solids		13	4.0	1.1	mg/L	1	T1C2207	03/22/11	03/23/11	SM 2540D
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T1C1801	03/18/11	03/18/11	SM 2540F
Biochemical Oxygen Demand		ND	1.0	1.0	mg/L	1	T1C1722	03/17/11	03/22/11	SM5210B
Final Eff.						Sampled: 03/17/11 08:00	**1C17012-03 (Waste Water)**			
Specific Conductance (EC)		820	1.0	1.0	µS/cm	1	T1C1715	03/17/11	03/17/11	EPA 120.1

Notes and Definitions

ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

Moore Twining Associates, Inc.
Juliane Adams, Director of Analytical Chemistry

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.

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California ELAP Certificate #1371

2527 Fresno Street
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March 24, 2011

Work Order #: 1C21017

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 03/21/11 . For your reference, these analyses have been assigned laboratory work order number 1C21017.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Juliane Adams
Director of Analytical Chemistry

MOORE TWINING ASSOCIATES, INC.

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California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	**Reported:**
Fresno CA, 93725	Project Manager: Tony Morales	03/24/2011

Analytical Report for Work Order 1C21017

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Eff.					Sampled: 03/15/11 08:30 **1C21017-01 (Waste Water)**					
Specific Conductance (EC)		790	1.0	1.0	µS/cm	1	TIC2114	03/21/11	03/21/11	EPA 120.1
Final Eff.					Sampled: 03/18/11 16:00 **1C21017-02 (Waste Water)**					
Specific Conductance (EC)		810	1.0	1.0	µS/cm	1	TIC2114	03/21/11	03/21/11	EPA 120.1
Final Eff.					Sampled: 03/19/11 08:10 **1C21017-03 (Waste Water)**					
Specific Conductance (EC)		790	1.0	1.0	µS/cm	1	TIC2114	03/21/11	03/21/11	EPA 120.1
Final Eff.					Sampled: 03/20/11 08:30 **1C21017-04 (Waste Water)**					
Specific Conductance (EC)		770	1.0	1.0	µS/cm	1	TIC2114	03/21/11	03/21/11	EPA 120.1
Final Eff.					Sampled: 03/21/11 08:40 **1C21017-05 (Waste Water)**					
Specific Conductance (EC)		620	1.0	1.0	µS/cm	1	TIC2114	03/21/11	03/21/11	EPA 120.1

Notes and Definitions

ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

MOORE TWINING ASSOCIATES, INC.

California ELAP Certificate #1371

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March 24, 2011

Work Order #: 1C21019

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 03/21/11 . For your reference, these analyses have been assigned laboratory work order number 1C21019.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Juliane Adams
Director of Analytical Chemistry

MOORE TWINING
ASSOCIATES, INC.

2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	**Reported:**
Fresno CA, 93725	Project Manager: Tony Morales	03/24/2011

Analytical Report for Work Order 1C21019

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Station R-1								Sampled: 03/20/11 09:25		**1C21019-01 (Waste Water)**
Specific Conductance (EC)		83	1.0	1.0	µS/cm	1	T1C2114	03/21/11	03/21/11	EPA 120.1
Turbidity		3.2	0.020	0.020	NTU	1	T1C2312	03/22/11	03/22/11	EPA 180.1
Station R-2								Sampled: 03/20/11 09:36		**1C21019-02 (Waste Water)**
Specific Conductance (EC)		82	1.0	1.0	µS/cm	1	T1C2114	03/21/11	03/21/11	EPA 120.1
Turbidity		2.6	0.020	0.020	NTU	1	T1C2312	03/22/11	03/22/11	EPA 180.1

Notes and Definitions

ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

MOORE TWINING
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California ELAP Certificate #1371

2527 Fresno Street
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March 31, 2011

Work Order #: 1C22014

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 03/22/11 . For your reference, these analyses have been assigned laboratory work order number 1C22014.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Juliane Adams
Director of Analytical Chemistry

MOORE TWINING ASSOCIATES, INC.

2527 Fresno Street
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California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	**Reported:**
Fresno CA, 93725	Project Manager: Tony Morales	03/31/2011

Analytical Report for Work Order 1C22014

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Station R-1						Sampled: 03/22/11 08:48 **1C22014-01 (Surface Water)**				
Ammonia-Unionized		ND	0.040	0.040	mg/L	1	T1C2410	03/24/11	03/28/11	[CALC]
Nitrate as Nitrogen		**0.65**	0.45		mg/L	1	[CALC]	03/28/11	03/23/11	[CALC]
Nitrite as Nitrogen		ND	0.30		mg/L	1	[CALC]	03/28/11	03/23/11	[CALC]
Total Nitrogen		ND	4.8		mg/L	1	[CALC]	03/28/11	03/29/11	[CALC]
Nitrite as NO2		ND	1.0	0.085	mg/L	1	T1C2209	03/22/11	03/23/11	EPA 300.0
Nitrate as NO3		**2.9**	2.0	0.30	mg/L	1	T1C2209	03/22/11	03/23/11	EPA 300.0
Ammonia as N		ND	4.0	1.9	mg/L	1	T1C2410	03/24/11	03/28/11	EPA 350.1
Total Kjeldahl Nitrogen		ND	4.0	1.4	mg/L	1	T1C2804	03/28/11	03/29/11	EPA 351.2
Phosphorus		**0.58**	0.40	0.33	mg/L	1	T1C2804	03/28/11	03/29/11	EPA 365.4
Aluminum		**4.6**	0.050	0.0072	mg/L	1	T1C2829	03/28/11	03/29/11	EPA 200.7

Notes and Definitions

MS2	Recovery for this analyte was biased high; associated blank spike recoveries are within range.
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). Same as DNQ - Detected, but Not Quantified.
ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
	Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

Moore Twining Associates, Inc.
Juliane Adams, Director of Analytical Chemistry

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.

MOORE TWINING
ASSOCIATES, INC.

California ELAP Certificate #1371

2527 Fresno Street
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March 29, 2011

Work Order #: 1C21018

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 03/21/11 . For your reference, these analyses have been assigned laboratory work order number 1C21018.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Juliane Adams
Director of Analytical Chemistry

MOORE TWINING ASSOCIATES, INC.

2527 Fresno Street
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(559) 268-7021 Phone
(559) 268-0740 Fax

California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	**Reported:**
Fresno CA. 93725	Project Manager: Tony Morales	03/29/2011

Analytical Report for Work Order 1C21018

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Tertiary Eff.						Sampled: 03/20/11 13:35 **1C21018-01 (Waste Water)**				
Specific Conductance (EC)		770	1.0	1.0	µS/cm	1	T1C2114	03/21/11	03/21/11	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T1C2201	03/22/11	03/22/11	SM 2540F

Notes and Definitions

ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch T1C2114										
LCS (T1C2114-BS1)					Prepared & Analyzed: 03/21/11					
Specific Conductance (EC)		507	1.0	µS/cm	500		101	80-120		20
LCS Dup (T1C2114-BSD1)					Prepared & Analyzed: 03/21/11					
Specific Conductance (EC)		508	1.0	µS/cm	500		102	80-120	0.197	20
Duplicate (T1C2114-DUP1)		Source: 1C21001-01			Prepared & Analyzed: 03/21/11					
Specific Conductance (EC)		472	1.0	µS/cm		477			1.05	20
Duplicate (T1C2114-DUP2)		Source: 1C21019-01			Prepared & Analyzed: 03/21/11					
Specific Conductance (EC)		82.7	1.0	µS/cm		82.9			0.242	20

Moore Twining Associates, Inc.
Juliane Adams, Director of Analytical Chemistry

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.

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California ELAP Certificate #1371

2527 Fresno Street
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March 29, 2011

Work Order #: 1C22015

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 03/22/11 . For your reference, these analyses have been assigned laboratory work order number 1C22015.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Juliane Adams
Director of Analytical Chemistry

MOORE TWINING ASSOCIATES, INC.

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California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	**Reported:**
Fresno CA, 93725	Project Manager: Tony Morales	03/29/2011

Analytical Report for Work Order 1C22015

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Tertiary Eff.								Sampled: 03/21/11 14:20		**1C22015-01 (Waste Water)**
Specific Conductance (EC)		1000	1.0	1.0	µS/cm	1	T1C2310	03/22/11	03/22/11	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T1C2201	03/22/11	03/22/11	SM 2540F
Tertiary Eff.								Sampled: 03/22/11 09:30		**1C22015-02 (Waste Water)**
Specific Conductance (EC)		670	1.0	1.0	µS/cm	1	T1C2310	03/22/11	03/22/11	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T1C2201	03/22/11	03/22/11	SM 2540F

Notes and Definitions

ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch T1C2310										
LCS (T1C2310-BS1)					Prepared & Analyzed: 03/22/11					
Specific Conductance (EC)		501	1.0	µS/cm	500		100	80-120		20
LCS Dup (T1C2310-BSD1)					Prepared & Analyzed: 03/22/11					
Specific Conductance (EC)		501	1.0	µS/cm	500		100	80-120	0.00	20
Duplicate (T1C2310-DUP1)		Source: 1C22001-01			Prepared & Analyzed: 03/22/11					
Specific Conductance (EC)		136	1.0	µS/cm		135			0.812	20
Duplicate (T1C2310-DUP2)		Source: 1C22016-01			Prepared & Analyzed: 03/22/11					
Specific Conductance (EC)		91.0	1.0	µS/cm		91.1			0.110	20

Moore Twining Associates, Inc.
Juliane Adams, Director of Analytical Chemistry

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MOORE TWINING
ASSOCIATES, INC.

California ELAP Certificate #1371

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(559) 268-0740 Fax

March 24, 2011

Work Order #: 1C22016

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 03/22/11 . For your reference, these analyses have been assigned laboratory work order number 1C22016.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Juliane Adams
Director of Analytical Chemistry

MOORE TWINING
ASSOCIATES, INC.

2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	**Reported:**
Fresno CA, 93725	Project Manager: Tony Morales	03/24/2011

Analytical Report for Work Order 1C22016

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Station R-1						Sampled: 03/21/11 14:11		**1C22016-01 (Surface Water)**		
Specific Conductance (EC)		91	1.0	1.0	µS/cm	1	T1C2310	03/22/11	03/22/11	EPA 120.1
Station R-2						Sampled: 03/21/11 14:14		**1C22016-02 (Surface Water)**		
Specific Conductance (EC)		200	1.0	1.0	µS/cm	1	T1C2310	03/22/11	03/22/11	EPA 120.1
Station R-1						Sampled: 03/22/11 09:00		**1C22016-03 (Surface Water)**		
Specific Conductance (EC)		260	1.0	1.0	µS/cm	1	T1C2310	03/22/11	03/22/11	EPA 120.1
Station R-2						Sampled: 03/22/11 09:15		**1C22016-04 (Surface Water)**		
Specific Conductance (EC)		130	1.0	1.0	µS/cm	1	T1C2310	03/22/11	03/22/11	EPA 120.1

Notes and Definitions

ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

Moore Twining Associates, Inc.
Juliane Adams, Director of Analytical Chemistry

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.

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California ELAP Certificate #1371

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April 01, 2011

Work Order #: 1C23001

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 03/23/11 . For your reference, these analyses have been assigned laboratory work order number 1C23001.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Juliane Adams
Director of Analytical Chemistry

MOORE TWINING ASSOCIATES, INC.

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California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	**Reported:**
Fresno CA, 93725	Project Manager: Tony Morales	04/01/2011

Analytical Report for Work Order 1C23001

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Station R-2							Sampled: 03/22/11 16:20	**1C23001-01 (Surface Water)**		
Ammonia-Unionized		ND	0.040	0.040	mg/L	1	T1C2814	03/28/11	03/31/11	[CALC]
Nitrate as Nitrogen		0.71	0.45		mg/L	1	[CALC]	03/23/11	03/23/11	EPA 300.0
Nitrate as NO3		3.1	2.0	0.30	mg/L	1	T1C2314	03/23/11	03/23/11	EPA 300.0
Ammonia as N		ND	4.0	1.9	mg/L	1	T1C2814	03/28/11	03/31/11	EPA 350.1
Total Kjeldahl Nitrogen		ND	4.0	1.4	mg/L	1	T1C2804	03/28/11	03/29/11	EPA 351.2
Phosphorus		0.56	0.40	0.33	mg/L	1	T1C2804	03/28/11	03/29/11	EPA 365.4
Aluminum		4.0	0.050	0.0072	mg/L	1	T1C2829	03/28/11	03/29/11	EPA 200.7

Notes and Definitions

MS3	Recovery for this analyte was biased low; associated blank spike recoveries are within range.
MS2	Recovery for this analyte was biased high; associated blank spike recoveries are within range.
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). Same as DNQ - Detected, but Not Quantified.
ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
	Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

MOORE TWINING
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California ELAP Certificate #1371

2527 Fresno Street
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March 25, 2011

Work Order #: 1C23002

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 03/23/11 . For your reference, these analyses have been assigned laboratory work order number 1C23002.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Juliane Adams
Director of Analytical Chemistry

MOORE TWINING ASSOCIATES, INC.

2527 Fresno Street
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California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	**Reported:**
Fresno CA, 93725	Project Manager: Tony Morales	03/25/2011

Analytical Report for Work Order 1C23002

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Eff.						Sampled: 03/22/11 16:00	**1C23002-01 (Waste Water)**			
Specific Conductance (EC)		710	1.0	1.0	µS/cm	1	T1C2318	03/23/11	03/23/11	EPA 120.1

Notes and Definitions

ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field.
If the test was performed in the laboratory, the hold time was exceeded.

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch T1C2318										
LCS (T1C2318-BS1)					Prepared & Analyzed: 03/23/11					
Specific Conductance (EC)		505	1.0	µS/cm	500		101	80-120		20
LCS Dup (T1C2318-BSD1)					Prepared & Analyzed: 03/23/11					
Specific Conductance (EC)		505	1.0	µS/cm	500		101	80-120	0.00	20
Duplicate (T1C2318-DUP1)		Source: 1C22036-03			Prepared & Analyzed: 03/23/11					
Specific Conductance (EC)		411	1.0	µS/cm		410			0.244	20
Duplicate (T1C2318-DUP2)		Source: 1C23011-02			Prepared & Analyzed: 03/23/11					
Specific Conductance (EC)		147	1.0	µS/cm		147			0.340	20

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.

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California ELAP Certificate #1371

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March 28, 2011

Work Order #: 1C23011

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 03/23/11 . For your reference, these analyses have been assigned laboratory work order number 1C23011.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Juliane Adams
Director of Analytical Chemistry

MOORE TWINING ASSOCIATES, INC.

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California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	**Reported:**
Fresno CA, 93725	Project Manager: Tony Morales	03/28/2011

Analytical Report for Work Order 1C23011

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Station R-1								Sampled: 03/23/11 11:25		**1C23011-01 (Surface Water)**
Specific Conductance (EC)		140	1.0	1.0	µS/cm	1	T1C2318	03/23/11	03/23/11	EPA 120.1
Fecal Coliforms		>= 1,600	2.0		MPN/100mL	1	T1C2322	03/23/11	03/25/11	SM9221B/E/F
Station R-2								Sampled: 03/23/11 11:30		**1C23011-02 (Surface Water)**
Specific Conductance (EC)		150	1.0	1.0	µS/cm	1	T1C2318	03/23/11	03/23/11	EPA 120.1
Fecal Coliforms		>= 1,600	2.0		MPN/100mL	1	T1C2322	03/23/11	03/25/11	SM9221B/E/F

Notes and Definitions

>3	>= 1,600
ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

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California ELAP Certificate #1371

April 13, 2011

Work Order #: 1C23012

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 03/23/11 . For your reference, these analyses have been assigned laboratory work order number 1C23012.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Juliane Adams
Director of Analytical Chemistry

MOORE TWINING ASSOCIATES, INC.

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California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	**Reported:**
Fresno CA, 93725	Project Manager: Tony Morales	04/13/2011

Analytical Report for Work Order 1C23012

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Tertiary Eff.						Sampled: 03/23/11 09:30	**1C23012-01 (Waste Water)**			
Fluoride		**1.2**	0.10	0.063	mg/L	1	T1C2314	03/23/11	03/23/11	EPA 300.0
Chloride		**54**	4.0	0.30	mg/L	2	T1C2407	03/24/11	03/24/11	EPA 300.0
Cyanide (total)		ND	5.0	2.8	µg/L	1	T1C2405	03/24/11	03/29/11	SM4500CN-E
Aluminum		**0.28**	0.050	0.0072	mg/L	1	T1C2829	03/28/11	03/29/11	EPA 200.7
Boron		**0.13**	0.050	0.00083	mg/L	1	T1C2829	03/28/11	03/29/11	EPA 200.7
Copper		**0.034**	0.0050	0.00095	mg/L	1	T1C2829	03/28/11	03/29/11	EPA 200.7
Diazinon		ND	0.25	0.034	µg/L	1	T1D0614	04/06/11	04/07/11	EPA 507
Surrogate: 1,3-Dimethyl-2-nitrobenzene		*76.1 %*	*48.4-117*				*T1D0614*	*04/06/11*	*04/07/11*	*EPA 507*
Chloroform	J	**0.29**	0.50	0.18	µg/L	1	T1C2412	03/24/11	03/24/11	EPA 524.2
Bromodichloromethane		ND	0.50	0.13	µg/L	1	T1C2412	03/24/11	03/24/11	EPA 524.2
Dibromochloromethane		ND	0.50	0.22	µg/L	1	T1C2412	03/24/11	03/24/11	EPA 524.2
Bromoform		ND	0.50	0.22	µg/L	1	T1C2412	03/24/11	03/24/11	EPA 524.2
TTHM		ND	0.50	0.50	µg/L	1	T1C2412	03/24/11	03/24/11	EPA 524.2
Surrogate: 4-Bromofluorobenzene		*86.0 %*	*80-120*				*T1C2412*	*03/24/11*	*03/24/11*	*EPA 524.2*
Surrogate: Dibromofluoromethane		*91.0 %*	*80-120*				*T1C2412*	*03/24/11*	*03/24/11*	*EPA 524.2*
Surrogate: Toluene-d8		*90.0 %*	*80-120*				*T1C2412*	*03/24/11*	*03/24/11*	*EPA 524.2*

Notes and Definitions

MS2	Recovery for this analyte was biased high; associated blank spike recoveries are within range.
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). Same as DNQ - Detected, but Not Quantified.
ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
	Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

Moore Twining Associates, Inc.
Juliane Adams, Director of Analytical Chemistry

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.

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California ELAP Certificate #1371

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April 01, 2011

Work Order #: 1C23013

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 03/23/11 . For your reference, these analyses have been assigned laboratory work order number 1C23013.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Juliane Adams
Director of Analytical Chemistry

MOORE TWINING ASSOCIATES, INC.

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Fresno, CA 93721
(559) 268-7021 Phone
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California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	**Reported:**
Fresno CA, 93725	Project Manager: Tony Morales	04/01/2011

Analytical Report for Work Order 1C23013

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Tertiary Eff.								Sampled: 03/23/11 09:30		**1C23013-01 (Waste Water)**
Nitrate as Nitrogen		13	0.90		mg/L	2	[CALC]	03/28/11	03/24/11	[CALC]
Nitrite as Nitrogen		ND	0.30		mg/L	1	[CALC]	03/28/11	03/23/11	[CALC]
Total Nitrogen		16	2.2		mg/L	2	[CALC]	03/28/11	03/29/11	[CALC]
Nitrite as NO2	J	0.18	1.0	0.085	mg/L	1	T1C2314	03/23/11	03/23/11	EPA 300.0
Nitrate as NO3		57	4.0	0.60	mg/L	2	T1C2407	03/24/11	03/24/11	EPA 300.0
Ammonia as N	J	0.51	1.0	0.48	mg/L	1	T1C2814	03/28/11	03/31/11	EPA 350.1
Total Kjeldahl Nitrogen		2.7	1.0	0.36	mg/L	1	T1C2804	03/28/11	03/29/11	EPA 351.2
Phosphorus		4.1	0.10	0.083	mg/L	1	T1C2804	03/28/11	03/29/11	EPA 365.4
Total Dissolved Solids		480	10	8.1	mg/L	1	T1C2809	03/28/11	03/29/11	SM 2540C

Notes and Definitions

MS3	Recovery for this analyte was biased low; associated blank spike recoveries are within range.
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). Same as DNQ - Detected, but Not Quantified.
ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
	Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

Moore Twining Associates, Inc.
Juliane Adams, Director of Analytical Chemistry

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.

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California ELAP Certificate #1371

April 06, 2011

Work Order #: 1C24006

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 03/24/11 . For your reference, these analyses have been assigned laboratory work order number 1C24006.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Juliane Adams
Director of Analytical Chemistry

MOORE TWINING ASSOCIATES, INC.

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California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	Reported:
Fresno CA, 93725	Project Manager: Tony Morales	04/06/2011

Analytical Report for Work Order 1C24006

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Tertiary Eff.						Sampled: 03/23/11 13:30	**1C24006-01 (Waste Water)**			
Specific Conductance (EC)	HT2	720	1.0	1.0	µS/cm	1	T1C2414	03/24/11	03/24/11	EPA 120.1
Total Suspended Solids		8.0	4.0	1.1	mg/L	1	T1C3004	03/30/11	03/31/11	SM 2540D
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T1C2403	03/24/11	03/24/11	SM 2540F
Biochemical Oxygen Demand		2.7	1.0	1.0	mg/L	1	T1C2509	03/25/11	03/30/11	SM5210B
Tertiary Eff.						Sampled: 03/23/11 09:10	**1C24006-02 (Waste Water)**			
Specific Conductance (EC)	HT2	750	1.0	1.0	µS/cm	1	T1C2414	03/24/11	03/24/11	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T1C2403	03/24/11	03/24/11	SM 2540F

Notes and Definitions

HT2	This sample was analyzed past the EPA recommended holding time for this parameter due to late delivery of the sample to the laboratory.
DUP1	A high RPD was observed between a sample and this sample's duplicate.
ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
	Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

Moore Twining Associates, Inc.
Juliane Adams, Director of Analytical Chemistry

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.

MOORE TWINING
ASSOCIATES, INC.

California ELAP Certificate #1371

2527 Fresno Street
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April 04, 2011

Work Order #: 1C24008

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 03/24/11 . For your reference, these analyses have been assigned laboratory work order number 1C24008.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Juliane Adams
Director of Analytical Chemistry

MOORE TWINING ASSOCIATES, INC.

2527 Fresno Street
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California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	Reported:
Fresno CA, 93725	Project Manager: Tony Morales	04/04/2011

Analytical Report for Work Order 1C24008

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Tertiary Eff.					Sampled: 03/24/11 10:00 **1C24008-01 (Waste Water)**					
Total Coliforms		< 2	2.0		MPN/100mL	1	TIC2416	03/24/11	03/26/11	SM9221B+F ECMUG
Tertiary Eff.					Sampled: 03/24/11 11:00 **1C24008-02 (Waste Water)**					
Turbidity		2.7	0.020	0.020	NTU	1	TIC2805	03/25/11	03/25/11	EPA 180.1
Station R-1					Sampled: 03/24/11 11:21 **1C24008-03 (Surface Water)**					
Specific Conductance (EC)		130	1.0	1.0	µS/cm	1	TIC2414	03/24/11	03/24/11	EPA 120.1
Station R-2					Sampled: 03/24/11 11:25 **1C24008-04 (Surface Water)**					
Specific Conductance (EC)		140	1.0	1.0	µS/cm	1	TIC2414	03/24/11	03/24/11	EPA 120.1

Notes and Definitions

_3x5	< 2
ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.

MOORE TWINING
ASSOCIATES, INC.

2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

California ELAP Certificate #1371

April 06, 2011

Work Order #: 1C24007

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 03/24/11 . For your reference, these analyses have been assigned laboratory work order number 1C24007.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Juliane Adams
Director of Analytical Chemistry

MOORE TWINING ASSOCIATES, INC.

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California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	Reported:
Fresno CA, 93725	Project Manager: Tony Morales	04/06/2011

Analytical Report for Work Order 1C24007

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Raw Wastewater							Sampled: 03/23/11 08:00 **1C24007-01 (Waste Water)**			
Total Suspended Solids		5400	40	11	mg/L	10	T1C3004	03/30/11	03/31/11	SM 2540D
Biochemical Oxygen Demand		580	100	100	mg/L	100	T1C2509	03/25/11	03/30/11	SM5210B
Final Eff.							Sampled: 03/23/11 15:45 **1C24007-02 (Waste Water)**			
Specific Conductance (EC)	HT2	720	1.0	1.0	µS/cm	1	T1C2414	03/24/11	03/24/11	EPA 120.1
Nitrate as NO3	HD	58	4.0	0.60	mg/L	2	T1C2503	03/25/11	03/25/11	EPA 300.0
Total Suspended Solids		12	4.0	1.1	mg/L	1	T1C3004	03/30/11	03/31/11	SM 2540D
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T1C2403	03/24/11	03/24/11	SM 2540F
Biochemical Oxygen Demand		4.9	1.0	1.0	mg/L	1	T1C2509	03/25/11	03/30/11	SM5210B
Final Eff.							Sampled: 03/24/11 09:00 **1C24007-03 (Waste Water)**			
Specific Conductance (EC)		740	1.0	1.0	µS/cm	1	T1C2414	03/24/11	03/24/11	EPA 120.1

Notes and Definitions

HT2	This sample was analyzed past the EPA recommended holding time for this parameter due to late delivery of the sample to the laboratory.
HD	Sample was originally analyzed within the EPA recommended holding time. However, it was reanalyzed with a dilution to confirm the result due to a high concentration of the target parameter.
DUP1	A high RPD was observed between a sample and this sample's duplicate.
ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
	Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

Moore Twining Associates, Inc.
Juliane Adams, Director of Analytical Chemistry

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California ELAP Certificate #1371

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April 05, 2011

Work Order #: 1C28010

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 03/28/11 . For your reference, these analyses have been assigned laboratory work order number 1C28010.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Juliane Adams
Director of Analytical Chemistry

MOORE TWINING
ASSOCIATES, INC.

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California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	**Reported:**
Fresno CA, 93725	Project Manager: Tony Morales	04/05/2011

Analytical Report for Work Order 1C28010

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
Tertiary Eff.						Sampled: 03/25/11 09:00 **1C28010-01 (Waste Water)**					
Specific Conductance (EC)	HT2	770	1.0	1.0	µS/cm	1	T1C2816	03/28/11	03/28/11	EPA 120.1	
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T1C2904	03/28/11	03/28/11	SM 2540F	HT
Tertiary Eff.						Sampled: 03/26/11 09:00 **1C28010-02 (Waste Water)**					
Specific Conductance (EC)	HT2	790	1.0	1.0	µS/cm	1	T1C2816	03/28/11	03/28/11	EPA 120.1	
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T1C2904	03/28/11	03/28/11	SM 2540F	
Tertiary Eff.						Sampled: 03/27/11 09:00 **1C28010-03 (Waste Water)**					
Specific Conductance (EC)	HT2	780	1.0	1.0	µS/cm	1	T1C2816	03/28/11	03/28/11	EPA 120.1	
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T1C2904	03/28/11	03/28/11	SM 2540F	

Notes and Definitions

HT2	This sample was analyzed past the EPA recommended holding time for this parameter due to late delivery of the sample to the laboratory.
ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
	Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

Moore Twining Associates, Inc.
Juliane Adams, Director of Analytical Chemistry

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.

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California ELAP Certificate #1371

2527 Fresno Street
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April 04, 2011

Work Order #: 1C28012

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 03/28/11 . For your reference, these analyses have been assigned laboratory work order number 1C28012.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Juliane Adams
Director of Analytical Chemistry

MOORE TWINING
ASSOCIATES, INC.

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California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	**Reported:**
Fresno CA, 93725	Project Manager: Tony Morales	04/04/2011

Analytical Report for Work Order 1C28012

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Eff.						Sampled: 03/25/11 08:00	**1C28012-01 (Waste Water)**			
Specific Conductance (EC)	HT2	760	1.0	1.0	µS/cm	1	T1C2816	03/28/11	03/28/11	EPA 120.1
Final Eff.						Sampled: 03/26/11 08:30	**1C28012-02 (Waste Water)**			
Specific Conductance (EC)	HT2	800	1.0	1.0	µS/cm	1	T1C2816	03/28/11	03/28/11	EPA 120.1
Final Eff.						Sampled: 03/27/11 08:00	**1C28012-03 (Waste Water)**			
Specific Conductance (EC)	HT2	780	1.0	1.0	µS/cm	1	T1C2816	03/28/11	03/28/11	EPA 120.1
Final Eff.						Sampled: 03/28/11 09:00	**1C28012-04 (Waste Water)**			
Specific Conductance (EC)		760	1.0	1.0	µS/cm	1	T1C2816	03/28/11	03/28/11	EPA 120.1

Notes and Definitions

HT2	This sample was analyzed past the EPA recommended holding time for this parameter due to late delivery of the sample to the laboratory.
ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
	Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

Moore Twining Associates, Inc.
Juliane Adams, Director of Analytical Chemistry

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.

MOORE TWINING
ASSOCIATES, INC.

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Fresno, CA 93721
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California ELAP Certificate #1371

April 04, 2011

Work Order #: 1C28011

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 03/28/11 . For your reference, these analyses have been assigned laboratory work order number 1C28011.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Juliane Adams
Director of Analytical Chemistry

MOORE TWINING ASSOCIATES, INC.

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California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	**Reported:**
Fresno CA, 93725	Project Manager: Tony Morales	04/04/2011

Analytical Report for Work Order 1C28011

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Station R-1						Sampled: 03/25/11 08:37		**1C28011-01 (Surface Water)**		
Specific Conductance (EC)	HT2	160	1.0	1.0	µS/cm	1	T1C2816	03/28/11	03/28/11	EPA 120.1
Station R-1						Sampled: 03/26/11 08:43		**1C28011-02 (Surface Water)**		
Specific Conductance (EC)	HT2	150	1.0	1.0	µS/cm	1	T1C2816	03/28/11	03/28/11	EPA 120.1
Station R-1						Sampled: 03/27/11 09:06		**1C28011-03 (Surface Water)**		
Specific Conductance (EC)	HT2	1000	1.0	1.0	µS/cm	1	T1C2816	03/28/11	03/28/11	EPA 120.1
Station R-2						Sampled: 03/25/11 08:40		**1C28011-04 (Surface Water)**		
Specific Conductance (EC)	HT2	260	1.0	1.0	µS/cm	1	T1C2816	03/28/11	03/28/11	EPA 120.1
Station R-2						Sampled: 03/26/11 08:49		**1C28011-05 (Surface Water)**		
Specific Conductance (EC)	HT2	160	1.0	1.0	µS/cm	1	T1C2816	03/28/11	03/28/11	EPA 120.1
Station R-2						Sampled: 03/27/11 09:08		**1C28011-06 (Surface Water)**		
Specific Conductance (EC)	HT2	160	1.0	1.0	µS/cm	1	T1C2816	03/28/11	03/28/11	EPA 120.1

Notes and Definitions

HT2	This sample was analyzed past the EPA recommended holding time for this parameter due to late delivery of the sample to the laboratory.
ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
	Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

MOORE TWINING
ASSOCIATES, INC.

California ELAP Certificate #1371

2527 Fresno Street
Fresno, CA 93721
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(559) 268-0740 Fax

April 19, 2011

Work Order #: 1C30005

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 03/30/11 . For your reference, these analyses have been assigned laboratory work order number 1C30005.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Juliane Adams
Director of Analytical Chemistry

MOORE TWINING ASSOCIATES, INC.

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Fresno, CA 93721
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California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	**Reported:**
Fresno CA, 93725	Project Manager: Tony Morales	04/19/2011

Analytical Report for Work Order 1C30005

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Raw Wastewater						Sampled: 03/29/11 08:00	**1C30005-01 (Waste Water)**			
Total Suspended Solids		24	4.0	1.1	mg/L	1	T1D0104	04/01/11	04/01/11	SM 2540D
Final Eff.						Sampled: 03/29/11 16:00	**1C30005-02 (Waste Water)**			
Specific Conductance (EC)		770	1.0	1.0	µS/cm	1	T1C3109	03/30/11	03/30/11	EPA 120.1
Total Suspended Solids		9.0	4.0	1.1	mg/L	1	T1D0104	04/01/11	04/01/11	SM 2540D
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T1C3001	03/30/11	03/30/11	SM 2540F
Final Eff.						Sampled: 03/30/11 08:30	**1C30005-03 (Waste Water)**			
Specific Conductance (EC)		750	1.0	1.0	µS/cm	1	T1C3114	03/31/11	03/31/11	EPA 120.1

Notes and Definitions

DUP1	A high RPD was observed between a sample and this sample's duplicate.
ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
	Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

MOORE TWINING
ASSOCIATES, INC.

California ELAP Certificate #1371

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April 11, 2011

Work Order #: 1D04015

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 04/04/11 . For your reference, these analyses have been assigned laboratory work order number 1D04015.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Juliane Adams
Director of Analytical Chemistry

MOORE TWINING ASSOCIATES, INC.

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California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	**Reported:**
Fresno CA, 93725	Project Manager: Tony Morales	04/11/2011

Analytical Report for Work Order 1D04015

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Eff.								Sampled: 03/31/11 08:50		**1D04015-01 (Waste Water)**
Specific Conductance (EC)		770	1.0	1.0	µS/cm	1	T1D0503	04/04/11	04/04/11	EPA 120.1

Notes and Definitions

ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field.
If the test was performed in the laboratory, the hold time was exceeded.

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch T1D0503										
LCS (T1D0503-BS1)					Prepared & Analyzed: 04/04/11					
Specific Conductance (EC)		501	1.0	µS/cm	500		100	80-120		20
LCS Dup (T1D0503-BSD1)					Prepared & Analyzed: 04/04/11					
Specific Conductance (EC)		502	1.0	µS/cm	500		100	80-120	0.199	20
Duplicate (T1D0503-DUP1)		Source: 1D04001-01			Prepared & Analyzed: 04/04/11					
Specific Conductance (EC)		531	1.0	µS/cm		532			0.188	20
Duplicate (T1D0503-DUP2)		Source: 1D04026-03			Prepared & Analyzed: 04/04/11					
Specific Conductance (EC)		491	1.0	µS/cm		493			0.407	20

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.

DELLAVALLE Laboratory, Inc.
Chemists and Consultants

Report of Water Analysis

1910 W. McKinley, Suite 110, Fresno, CA 93728
FAX (559) 268-8174 - (800) 228-9896 - (559) 233-6129

Moore Twining Associates, Inc
2527 Fresno Street
Fresno CA 93721
5187
50

Material Submitted: Water

Lab No. 154177
Sample Date 3/29/2011
Sample Time
Submitted Date 3/31/2011
Submitted by Julio Morales
Reported Date 4/5/2011
Location/Project 1C30005
Copy To
Fax 268-0740
e-mail

	Total BOD mg/L	BOD Dilution Factor
MCL—>		
MDL—>	2.0	
RL—>	5.0	1.0
SM—>	5210 B	
EPA—>		
Analysis Date:	*4/5/2011*	*4/5/2011*

001 Raw Wastewater - IC30005-01 @ 08:00	90.7	22
002 Final Eff. - IC30005-02 @ 16:00	<5	2

*See external laboratory documentation
MCL = Maximum Contaminant Level according to the California Domestic Water Quality and Monitoring Regulations (Title 22)
MDL = Method Detection Limit; **RL** = Reporting Limit
SM = Standard Methods for the Examination of Water and Wastewater, 19th ed., 1995
EPA = Environmental Protection Agency methods used unless otherwise indicated.
Dissolved metals **(bolded)** were filtered.
MBAS molecular weight = 340 grams.
QA/QC available upon request.

Approved By: Scott McFarland
ELAP Certification #1595